

परियोजना
इंजीनियरिंग
प्रबंधन

Project Engineering
Management

भारत हेवी इलेक्ट्रिकल्स लिमिटेड
(भारत सरकार का उपक्रम)
Bharat Heavy Electricals Limited
(A Govt. of India Undertaking)



CORRIGENDUM-II

Ref: PE/PG/RTC/ E-5592/2017 dtd 19/04/2017 (Due Date: 09/05/2017; 02:00 PM)

Date: 06/05/2017

SUBJECT: Rate Contract of Misc. Pumps-Horizontal (Power Cycle)

To,

This is in reference to our Tender Enquiry no. PE/PG/RTC/ E-5592/2017 dtd 19/04/2017 for the subject package. In this connection, bidders may please note that Corrigendum-II is being issued for following, which will be part of NIT:

Sl.	In place of (as given in NIT/Technical Specification)	Shall be read as
1	"# Bid evaluation and LD is applicable for these pumps only as per clause 4.00.00 of std technical specn for pumps, section D1, Volume IIB."	"# Bid evaluation and LD (w.r.t. performance guarantee) is applicable for these pumps only as per clause 4.00.00 of Sub-Section-IIA & Data Sheet-A at Sub-Section-ID of Technical Specification for Rate Contract of Power Cycle Misc. Pumps (Specification No: PE-TS-RC-100-N001) "
2	Price Bid Format-Annexure-I	Price Bid Format-Annexure-I Rev1
3	Annexure-B	Bidders to ignore Annexure-B
4	----Delivery period for Installation Checks & PG Test: Vendor shall depute their personnel within 15 days of intimation of BHEL.	----Delivery period for Installation Checks & PG Test: Vendor shall depute their personnel within 15 days of intimation of BHEL, failing which LD @ 0.5% per week or part thereof of total contract value for supervision for that project shall be levied limited to 10% of supervision value.
5	With reference to cl. no. 1 of Annex-II (SCC) ---- Validity for ordering shall be one year from the purchase order for Rate Contract.	---- Validity for ordering shall be two years from the purchase order for Rate Contract.
6	Cl. no. 13 under Tender Enquiry terms & conditions	Delivery terms for Indian dispatches shall be FOR Dispatch Station & Foreign Dispatches C&F Chennai Port.

All other terms remains unaltered.

Thanking you.
Yours faithfully,
For and on behalf of BHEL

(N C SHARMA)
Sr. Engineer/ MM



कृपया प्रेषित करे : Please reply to : फ़ोन Phone No:
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PRICE SCHEDULE- Rate Contract of Misc. Pumps-Horizontal (Power Cycle)

Sl.No	DESCRIPTIONS OF ITEMS (as per Technical Spec.)		Applicable for Indian Bidders(Price in INR)						Applicable for Forigen Bidders (Bidder to indicate their Currency)								
A	Main Supply	Quantity (Sets of PUMP+MOTOR)	Unit Ex-Works price (for 1 Set of PUMP+MOTOR) (Rs)	Total Ex-Works (Rs.)	ED (Including cess)	CST against from C and form E	FREIGHT CHARGES (Including Service Tax)	TOTAL F.O.R. SITE PRICE (Rs.)	Unit C & F Indian Sea Port (Chennai) Price(Currency)	Total C & F Indian Sea Port Price(Currency)	OCEAN / MARINE INSURANC E	PORT HANDLING CHARGE (INR)	CUSTOM DUTY (INR)	INLAND FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	TOTAL F.O.R. SITE PRICE based on derived unit-exworks prices & applicable loading for each case (Rs.)	% allocation of Total ex-works value for each (Pump+Motor) Type w.r.t. Total Ex-works of Main supply (at Sl. No A.9 of Column 5 for Indian Bidder & at Sl. no. A.9 of Column 11 for foreign bidder) for deriving Values (from A.1 to A.8 at Column 5 (Indian bider) & Column 11 (foreign bidder) of this sheet)	
	2	3	4	5	6	7	8	9=5+6+7+8	10	11	12	13	14	15	16	17	
A.1	Type 1	1	Derived	Derived	% TO BE QUOTED	% TO BE QUOTED	% TO BE QUOTED	Derived	Derived	Derived	BHEL SCOPE TO BE LOADED ON C& F VALUE				Derived	5.73	
A.2	Type 2	4	Derived	Derived	% TO BE QUOTED	% TO BE QUOTED		Derived	Derived	Derived	Derived					Derived	26.24
A.3	Type 3	4	Derived	Derived	% TO BE QUOTED	% TO BE QUOTED		Derived	Derived	Derived	Derived					Derived	30.27
A.4	Type 4	8	Derived	Derived	% TO BE QUOTED	% TO BE QUOTED		Derived	Derived	Derived	Derived					Derived	12.05
A.5	Type 5	13	Derived	Derived	% TO BE QUOTED	% TO BE QUOTED		Derived	Derived	Derived	Derived					Derived	14.49
A.6	Type 6	2	Derived	Derived	% TO BE QUOTED	% TO BE QUOTED		Derived	Derived	Derived	Derived					Derived	3.51
A.7	Type 7	2	Derived	Derived	% TO BE QUOTED	% TO BE QUOTED		Derived	Derived	Derived	Derived					Derived	5.43
A.8	Type 8	2	Derived	Derived	% TO BE QUOTED	% TO BE QUOTED		Derived	Derived	Derived	Derived					Derived	2.28
A.9	A.9 =(A.1+A.2+A.3+A.4+A.5+A.6+A.7+A.8)	36		TO BE QUOTED	Derived	Derived	Derived	Derived		TO BE QUOTED					Derived	100.00	
B	EXPECTED SPARES	No. of LOTS	Unit Ex-Works price	Total Ex-Works (Rs.)	ED (Including cess)	CST against from C and form E	FREIGHT CHARGES (Including Service Tax)	TOTAL F.O.R. SITE PRICE (Rs.)	Unit C & F Indian Sea Port (Chennai) Price(Currency)	Total C & F Indian Sea Port Price(Currency)	OCEAN / MARINE INSURANC E	PORT HANDLING CHARGE (INR)	CUSTOM DUTY (INR)	INLAND FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	TOTAL F.O.R. SITE PRICE based on derived unit-exworks prices & applicable loading for each case (Rs.)		
	Total Ex-works of Expected Spares as per spare List indicated in Datasheet A at Section ID of specification.	8 LOT (1 LOT Per type)		Derived	% TO BE QUOTED	% TO BE QUOTED	% TO BE QUOTED	Derived	Derived	Derived	BHEL SCOPE TO BE LOADED ON C& F VALUE				Derived	For deriving price of spares, Refer Annex-A for % allocation for each spare item & BOQ of spares as per spare List indicated in Datasheet A at Section ID of specification.	
B				Derived	Derived	Derived	Derived	Derived		Derived					Derived		
C	COST OF SERVICES	No of SETS	Ex Works PRICE per Visit	Total Ex-Works (Rs.)	NA	Service Tax	NA	TOTAL Price including Service tax (Rs.)	Unit Price (Currency)	Total Price (Currency)	Service Tax				TOTAL PRICE	% allocation of Total ex-works value of services w.r.t Total ex-works value of Main supply	
C1	Cost of site visits for Installation Checks and supervision of replacement of Gland packing with Mechanical Seal (Note: 1 Set = 1 no. site visit for 3 days = 3 MANDAYS at site)	8 SETS	Derived	Derived		% TO BE QUOTED		Derived	Derived	Derived	REVERSE SERVICE TAX TO BE LOADED				Derived	1.50	
C2	PG Test at site (Note: 1Set = All pumps of that Type for one Project.)	12 SETS	Derived	Derived		% TO BE QUOTED		Derived	Derived	Derived					Derived	4.00	
C	C=(C1+C2)			Derived		Derived		Derived		Derived					Derived		
D	GRAND TOTAL COST to BHEL (A.9+B+C)							Derived							Derived		
Note:																	
1	Bidder to note that 1 no. of site visit consist of three mandays days at site for installation check & supervision of replacement of gland packing with Mechanical seal, as indicated at C1 above. Further any addition/deletion in site visit per manday shall be obtained on prorata basis as per C1 above.																
2	Price of all accessories, commissioning & erection spares, special Tools & tackle and other accessories not listed above shall be included in the price of set of pump & motor & shall be supplied with the pump & motor.																
3	Please refer technical specification SUB-SECTION – 1D DATASHEET-A for detailed description of Type of (PUMP+MOTOR).																
4	Bidder shall furnish this price Schedule indicating "Quoted" along with technical offer and actual prices in his price offer. Price per Visit is lumpsom which includes travel and accomodation charge.																
5	L1 bidder shall be decided based on the lowest of the Grand Total cost to BHEL (A.9+B+C).																
6	Packaging & forwarding charges is included in the Ex-work price.																
7	Value is to be filled only where "to be quoted" is mentioned and for other columns where "derived" is mentioned same shall be derived by BHEL as per % allocation fixed (refer col. No. 17). Spares prices shall also be derived by BHEL as per % allocation given in Annex-A.																
8																	

Annexure-A

Sheet for indicating applicability ("APPLICABLE" or "NOT APPLICABLE") for particular spare for each type of Pump+Motor

S. No	Spares for each Pump type:	Quantity	TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 6	TYPE 7	TYPE 8	Unit Ex-works price of spare in percentage w.r.t Unit Ex-works Cost of that Pump+Motor Type derived at column 4 of Price schedule Annex-I.
	1	2	3	4	5	6	7	8	9	10	11
1	Casing with diffuser	1 Sets of each type and size									20.00%
2	Impeller	1 no of each type									12.00%
3	Shafts	1 no of each type									6.00%
4	Shaft sleeve	1 Sets of each type and size									3.00%
5	Sleeve nuts	1 Sets of each type and size									0.60%
6	O rings	1 Sets of each type and size									0.06%
7	Casing Wearing Rings (if applicable)	1 Sets of each type and size									0.60%
8	Impeller Wearing Rings (if applicable)	1 Sets of each type and size									0.60%
9	Pump Bearings	1 Sets of each type and size									3.00%
10	Thrust Bearings (if applicable)	1 Sets of each type and size									3.00%
11	Impeller Bearings (if applicable)	1 Sets of each type and size									3.00%
12	Radial Bearings (if applicable)	1 Sets of each type and size									3.00%
13	Keys (impeller, sleeve etc)	1 Sets of each type and size									0.06%
14	Gland Packing	1 Sets of each type and size									0.05%
15	Gland/Gland cover	1 Sets of each type and size									0.05%
16	Lantern ring	1 Sets of each type and size									0.04%
17	Complete Coupling (Pump & Motor)	1 Sets of each type and size									1.20%
18	Mechanical Seal	1 Sets of each type and size									6.00%
19	Seal pipe, nipple & plug	1 Sets of each type and size									0.06%
20	Gasket	1 Sets of each type and size									0.06%
21	Nuts & Bolts (including tie rod)/ All Fasteners	1 Sets of each type and size									1.20%
22	Bushing (if applicable)	1 Sets of each type and size									0.06%
23	Thrust Pads	1 Sets of each type and size									0.06%
24	Motor of each Type & Rating (complete)	1 no of each type									40.00%
25	Motor Bearings	1 Sets of each type and size									3.00%
26	Motor Terminal Plates	1 no of each type									3.00%
27	Motor Heaters	1 Sets of each type and size									3.00%
28	Motor Greasing Arrangements	1 Sets of each type and size									0.60%

Note: Bidders not to quote prices for above spares in this sheet, same shall be derived by BHEL based on % allocation given for spares in col. No. 11 of this sheet. Bidders to indicate the applicability ("APPLICABLE" or "NOT APPLICABLE") for particular spare for each type of Pump+Motor in this sheet.